



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date: September 21, 2012	EPA Reg. No./File Symbol: 499-540	Page 1 of 4
Applicant's/Registrant's Name & Address	Product	
Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682	TC 303	

Ingredients: **Dinotefuran; Pyriproxyfen; Prallethrin**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355	PRODUCT CHEMISTRY				
830.1550	Product Identity				NA - end use product.
830.1650	Manufacturing Process				NA - end use product.
830.1670	Discussion of formation of impurities				NA - end use product.
830.1700	Preliminary Analysis				NA - end use product.
830.1750	Certificate of limits				NA - end use product.
830.1800	Analytical Methods	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6302	Color	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6303	Physical State	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6304	Odor	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.7200	Melting Point				NA - end use product.
830.7220	Boiling Point				NA - end use product.
830.7300	Density, bulk-density, or specific gravity	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.7840 or 830.7860	Solubility				NA - end use product.
830.7950	Vapor Pressure				NA - end use product.

Signature

Name and Title: Dana M. Thomas
Product Regulatory Mgr.

Date 9/21/12



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Applicant's/Registrant's Name & Address

Product

Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682

TC 303

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355					
830.7370	Dissociation constant				NA - end use product.
830.7550, 830.7560 or 830.7570	Octanol/water partition coefficient				NA - end use product.
830.7000	pH	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6313	Stability				NA - end use product.
830.6314	Oxidizing/Reducing reaction				NA - end use product.
830.6315	Flammability	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6316	Explosibility	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6317	Storage stability	48745301	Applicant; 499	OWN	Submitted 2/14/12
830.7100	Viscosity	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6319	Miscibility				NA
830.6320	Corrosion Characteristics	48745301	Applicant; 499	OWN	Submitted 2/14/12
830.6321	Dielectric breakdown voltage				NA

Signature

Name and Title: Dana M. Thomas
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Applicant's/Registrant's Name & Address

Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682

Product

TC 303

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.500	Toxicology				
870.1100	Acute Oral LD-50, rat	47847902	Applicant; 499	OWN	Submitted 9/23/09
870.1200	Acute dermal LD-50	47879003	Applicant; 499	OWN	Submitted 9/23/09
870.1300	Acute inhalation LC-50, rat	47879007	Applicant; 499	OWN	Submitted 9/23/09
870.2400	Primary eye irritation, rabbit	47879004	Applicant; 499	OWN	Submitted 9/23/09
870.2500	Primary dermal irritation	47879005	Applicant; 499	OWN	Submitted 9/23/09
870.2600	Dermal sensitization	47879006	Applicant; 499	OWN	Submitted 9/23/09
158.400	Product Performance				
	Evaluation of Two Insecticidal Products for Control of Adult Cat Fleas, <i>Ctenocephalides felis</i> , Bouché	47879008	Applicant; 499	OWN	Submitted 9/23/09
	Data support for flea larvae		270, 279, 1021, 2382, 2817, 2596, 2724, 4758, 9198, 10308, 11556, 11715, 40086, 59639, 63823, 66607, 67505, 68543, 69332, 71754, 71755, 73510, 73989, 74888, 75234, 75844, 83399, 85391	PAY	
	Evaluation of the efficacy of Ultracide IIA Carpet Spray v.2 when Applied s Direct Spray Applications to Wild Strain Bed Bugs (<i>Cimex lectularius</i>)		Applicant; 499	OWN	Submitted 9/21/12
	Efficacy Evaluations of Ultracide IIA Carpet Spray Against Brown Dog Tick, <i>Rhipicephalus sanguineus</i> and Lone Star Tick, <i>Amblyomma americanum</i> in the Laboratory		Applicant; 499	OWN	Submitted 9/21/12
	Efficacy of Whitmire Micro-Gen Ultracide IIA Carpet Spray v.2 When Applied as Residual Treatments to Unpainted Wood and Mattress Ticking for the Control of Bed Bugs (<i>Cimex lectularius</i>)		Applicant; 499	OWN	Submitted 9/21/12

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Applicant's/Registrant's Name & Address

Product

Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682

TC 303

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.400 (cont'd.)	Product Performance (cont'd.)				
	Efficacy of Ultracide IIA Carpet Spray v.2 When Applied as Direct Spray Applications to Susceptible and Wild Strain Bed Bug (<i>Cimex lectularius</i>) Eggs		Applicant; 499	OWN	Submitted 9/21/12
	Efficacy Evaluations of Dinotefuran Aerosol (FC 230-069, TC-303) Against Brown Dog Tick, <i>Rhipicephalus sanguineus</i> , and Lone Star Tick, <i>Amblyomma americanum</i> , in the Laboratory		Applicant; 499	OWN	Submitted 9/21/12
	Evaluation of aged deposits of Nylar and Pyriproxyfen against larval cat fleas, <i>Ctenocephalides felis</i> Bouché		Applicant; 499	OWN	Submitted 9/21/12

Signature

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TC 303

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					NA - end use product.
					NA - end use product.
					NA - end use product.
					NA - end use product.
					NA - end use product.
					NA - end use product.
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
					NA - end use product.
					NA - end use product.
			Applicant; 499	OWN	Submitted 9/23/09
					NA - end use product.
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Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					NA - end use product.
					NA - end use product.
			Applicant; 499	OWN	Submitted 9/23/09
					NA - end use product.
					NA - end use product.
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 2/14/12
			Applicant; 499	OWN	Submitted 9/23/09
					NA
			Applicant; 499	OWN	Submitted 2/14/12
					NA

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			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			Applicant; 499	OWN	Submitted 9/23/09
			270, 279, 1021, 2382, 2817, 2596, 2724, 4758, 9198, 10308, 11556, 11715, 40086, 59639, 63823, 66607, 67505, 68543, 69332, 71754, 71755, 73510, 73989, 74888, 75234, 75844, 83399, 85391	PAY	
			Applicant; 499	OWN	Submitted 9/21/12
			Applicant; 499	OWN	Submitted 9/21/12
			Applicant; 499	OWN	Submitted 9/21/12

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TC 303

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Applicant; 499	OWN	Submitted 9/21/12
			Applicant; 499	OWN	Submitted 9/21/12
			Applicant; 499	OWN	Submitted 9/21/12

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Name and Title: Dana M. Thomas
Product Regulatory Mgr.

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Applicant's/Registrant's Name & Address Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682	Product TC 303	

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355	PRODUCT CHEMISTRY				
830.1550	Product Identity				NA - end use product.
830.1650	Manufacturing Process				NA - end use product.
830.1670	Discussion of formation of impurities				NA - end use product.
830.1700	Preliminary Analysis				NA - end use product.
830.1750	Certificate of limits				NA - end use product.
830.1800	Analytical Methods	47879001	Applicant; 499	OWN	
830.6302	Color	47879001	Applicant; 499	OWN	
830.6303	Physical State	47879001	Applicant; 499	OWN	
830.6304	Odor	47879001	Applicant; 499	OWN	
830.7200	Melting Point				NA - end use product.
830.7220	Boiling Point				NA - end use product.
830.7300	Density, bulk-density, or specific gravity	47879001	Applicant; 499	OWN	
830.7840 or 830.7860	Solubility				NA - end use product.
830.7950	Vapor Pressure				NA - end use product.

Signature

Name and Title
Patricia Hodge ; Product Regulations
Specialist

Date 2/14/2012



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DATA MATRIX

Date: November 19, 2010

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Applicant's/Registrant's Name & Address

Product

Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682

TC 303

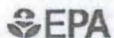
Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190	PRODUCT CHEMISTRY				
61-1	Product Identity				NA - end use product.
61-2	Manufacturing Process				NA - end use product.
61-3	Discussion of formation of impurities				NA - end use product.
62-1	Preliminary Analysis				NA - end use product.
62-2	Certificate of limits				NA - end use product.
62-3	Analytical Methods		Applicant; 499	OWN	
63-2	Color		Applicant; 499	OWN	
63-3	Physical State		Applicant; 499	OWN	
63-4	Odor		Applicant; 499	OWN	
63-5	Melting Point				NA - end use product.
63-6	Boiling Point				NA - end use product.
63-7	Density, bulk-density, or specific gravity		Applicant; 499	OWN	
63-8	Solubility				NA - end use product.
63-9	Vapor Pressure				NA - end use product.

Signature

Name and Title
Patricia Hodge ; Product Regulation
Specialist

Date 11/19/2010



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Applicant's/Registrant's Name & Address

Product

Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682

TC 303

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190					
63-10	Dissociation constant				NA - end use product.
63-11	Octanol/water partition coefficient				NA - end use product.
63-12	pH		Applicant; 499	OWN	
63-13	Stability				NA - end use product.
63-14	Oxidizing/Reducing reaction				NA - end use product.
63-15	Flammability		Applicant; 499	OWN	
63-16	Explosibility		Applicant; 499	OWN	
63-17	Storage stability		Applicant; 499	OWN	In Progress
63-18	Viscosity		Applicant; 499	OWN	
63-19	Miscibility				NA
63-20	Corrosion Characteristics		Applicant; 499	OWN	In Progress
63-21	Dielectric breakdown voltage				NA

Signature

Patricia Hodge

Name and Title

Patricia Hodge ; Product Regulation
Specialist

Date 11/19/2010



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Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682	TC 303	

Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190	PRODUCT CHEMISTRY				
61-1	Product Identity				NA - end use product.
61-2	Manufacturing Process				NA - end use product.
61-3	Discussion of formation of impurities				NA - end use product.
62-1	Preliminary Analysis				NA - end use product.
62-2	Certificate of limits				NA - end use product.
62-3	Analytical Methods		Applicant; 499	OWN	
63-2	Color		Applicant; 499	OWN	
63-3	Physical State		Applicant; 499	OWN	
63-4	Odor		Applicant; 499	OWN	
63-5	Melting Point				NA - end use product.
63-6	Boiling Point				NA - end use product.
63-7	Density, bulk density, or specific gravity		Applicant; 499	OWN	
63-8	Solubility				NA - end use product.
63-9	Vapor Pressure				NA - end use product.
Signature	Name and Title			Date 9/30/2009	
	Patricia Hodge ; Product Regulation Specialist				



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Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190					
63-10	Dissociation constant				NA - end use product.
63-11	Octanol/water partition coefficient				NA - end use product.
63-12	pH		Applicant; 499	OWN	
63-13	Stability				NA - end use product.
63-14	Oxidizing/Reducing reaction				NA - end use product.
63-15	Flammability		Applicant; 499	OWN	
63-16	Explosibility		Applicant; 499	OWN	
63-17	Storage stability		Applicant; 499	OWN	In Progress
63-18	Viscosity		Applicant; 499	OWN	
63-19	Miscibility				NA
63-20	Corrosion Characteristics		Applicant; 499	OWN	In Progress
63-21	Dielectric breakdown voltage				NA
Signature	Name and Title Patricia Hodge ; Product Regulation Specialist			Date 9/30/2009	



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Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		TC 303			
Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.340	Toxicology				
81-1	Acute Oral LD-50, rat		Applicant; 499	OWN	
81-2	Acute dermal LD-50		Applicant; 499	OWN	
81-3	Acute inhalation LC-50, rat		Applicant; 499	OWN	
81-4	Primary eye irritation, rabbit		Applicant; 499	OWN	
81-5	Primary dermal irritation		Applicant; 499	OWN	
81-6	Dermal sensitization		Applicant; 499	OWN	
158.64	Product Performance				
	Evaluation of Two Insecticidal Products for Control of Adult Cat Fleas, Ctenocephalides felis, Bouché		Applicant; 499	OWN	
	Data support for flea larvae		270,279,1021,2382, 2817,2596,2724 4758,9198,10308,11556,11715,40086, 59639,63823,66607,67505,68543,69332 71754,71755,73510,73989,74888, 75234,75844,83399,85391		
Signature	Name and Title Patricia Hodge ; Product Regulation Specialist		Date 9/30/2009		



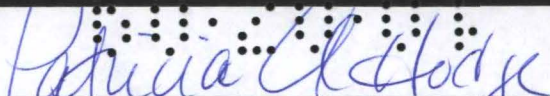
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DATA MATRIX

Date: September 23, 2009		EPA Reg. No./File Symbol: 499-xxx		Page 1 of 3		
Applicant's/Registrant's Name & Address		Product				
Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		TC 303				
Ingredients: Dinotefuran; Pyriproxyfen; Prallethrin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
					NA - end use product.	
					NA - end use product.	
					NA - end use product.	
					NA - end use product.	
					NA - end use product.	
				Applicant; 499	OWN	
				Applicant; 499	OWN	
				Applicant; 499	OWN	
				Applicant; 499	OWN	
						NA - end use product.
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			Applicant; 499	OWN	
			Applicant; 499	OWN	
			Applicant; 499	OWN	In Progress
			Applicant; 499	OWN	
					NA
			Applicant; 499	OWN	In Progress
					NA

Signature

Name and Title
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			Applicant; 499	OWN	
			Applicant; 499	OWN	
			Applicant; 499	OWN	
			59639,63823,66607,67505,685		

Signature

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